

# Western Avenue WQARF Site

**Western Avenue/Phoenix Goodyear Airport**

**CAG Meeting of August 8, 2013**

**Delfina Olivarez**

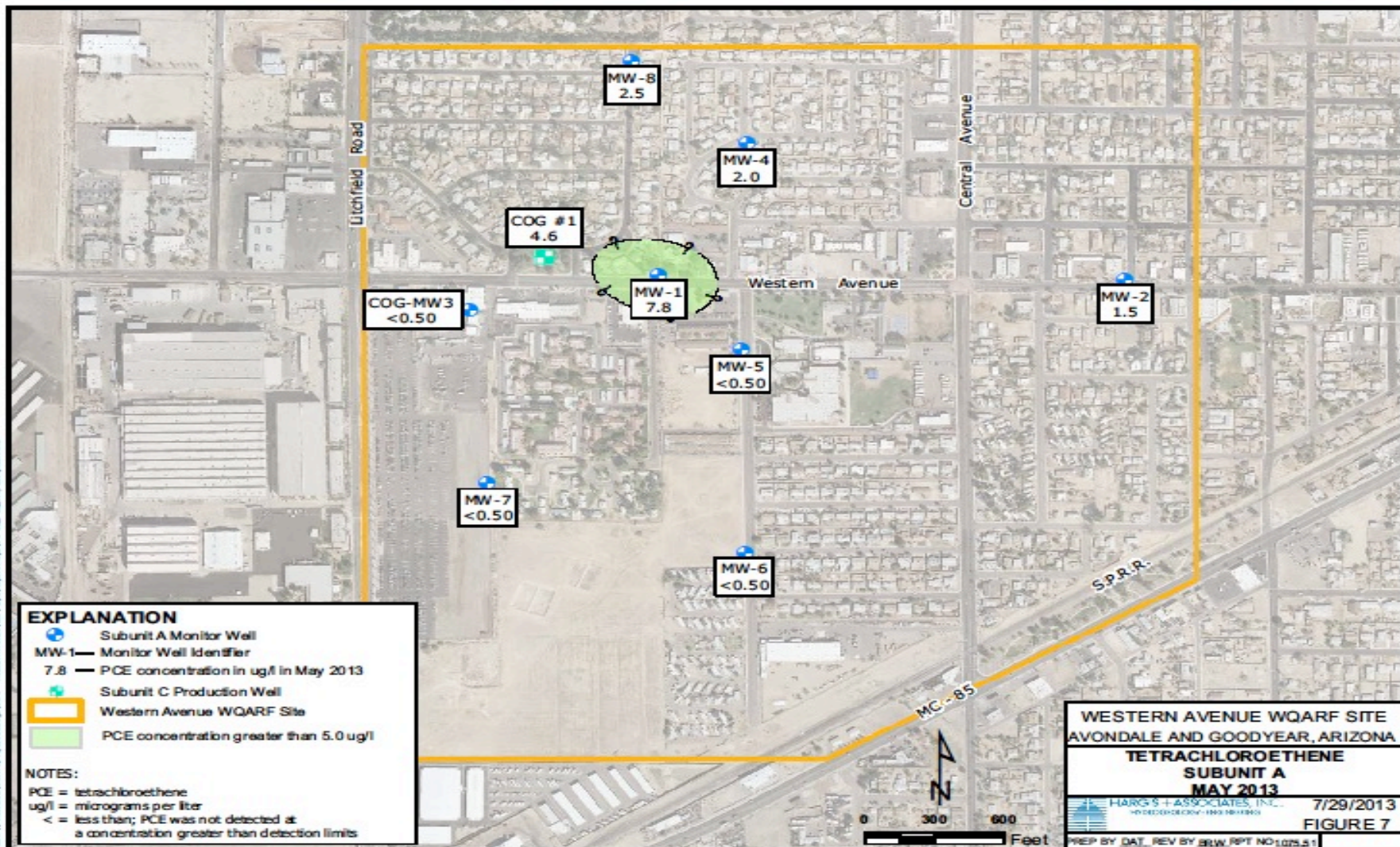


## **Update on Site Activities**

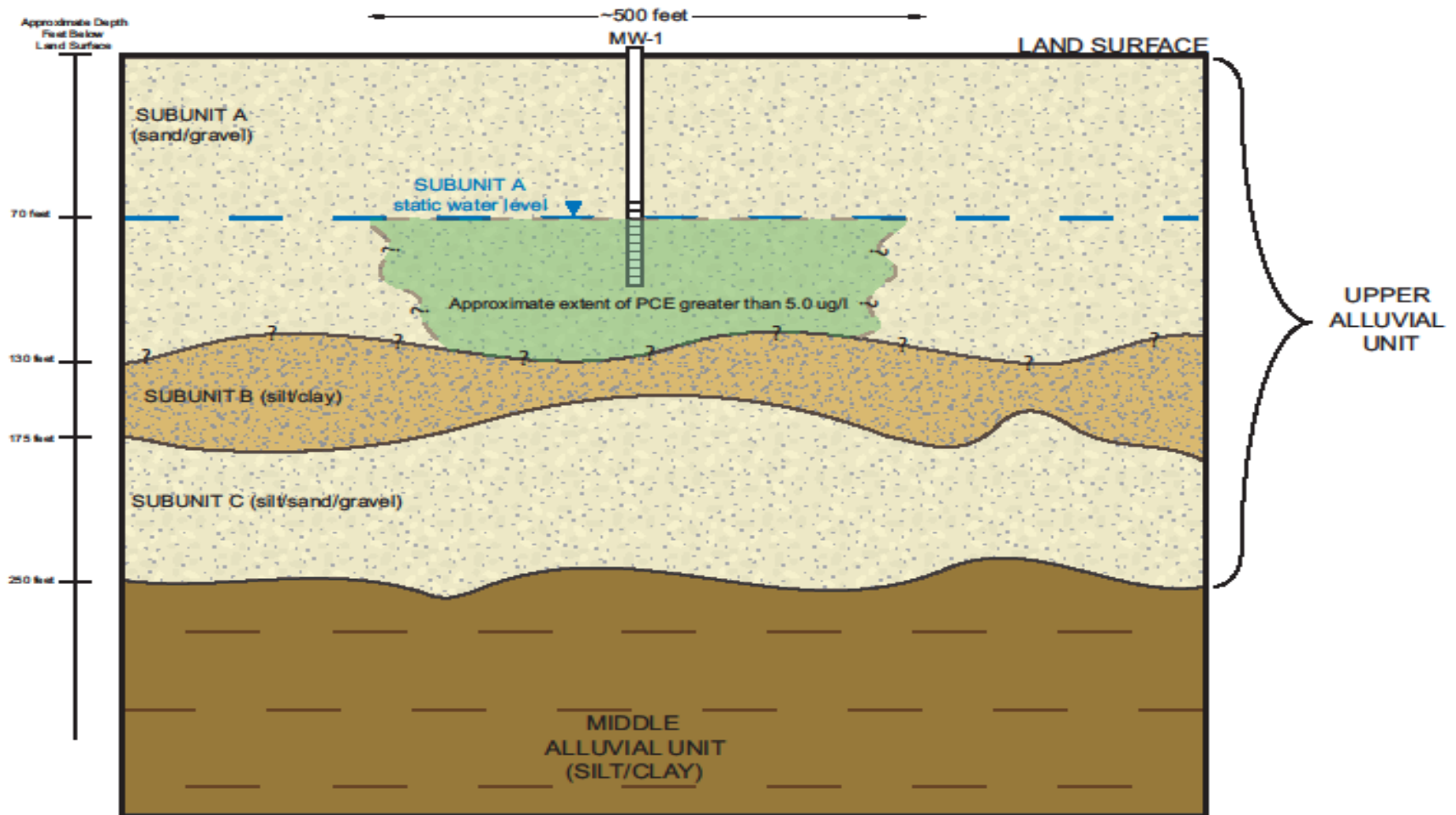
- **Quarterly Groundwater Quality sampling results from Western Avenue Monitoring Wells and the City of Goodyear well No. 1**
- **Review of Feasibility Study**
- **Study of the City of Goodyear well #1, possibilities & next steps**



# Western Avenue WQARF Site



# Western Avenue WQARF Site



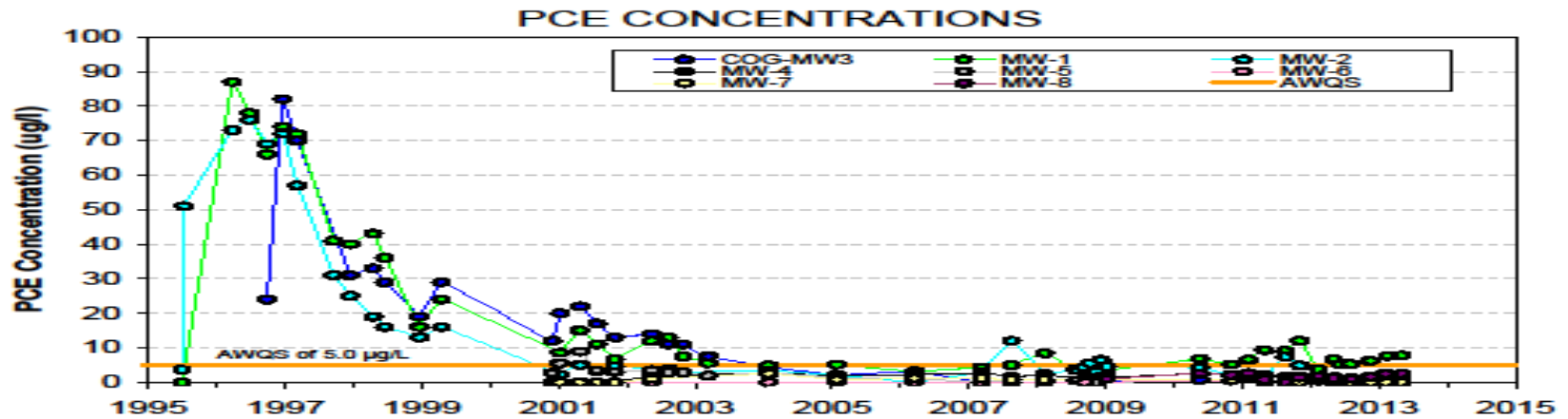
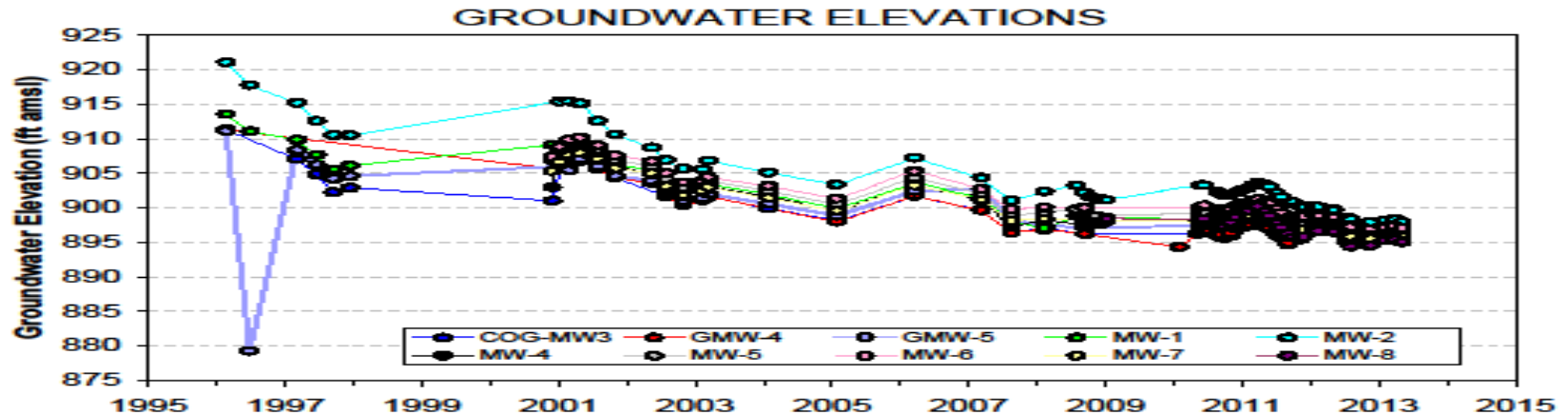
HARGIS & ASSOCIATES, INC.  
Hydrogeology/Engineering

NOT TO SCALE

CONCEPTUAL CROSS SECTION  
SUBUNIT A TETRACHLOROETHENE EXTENT

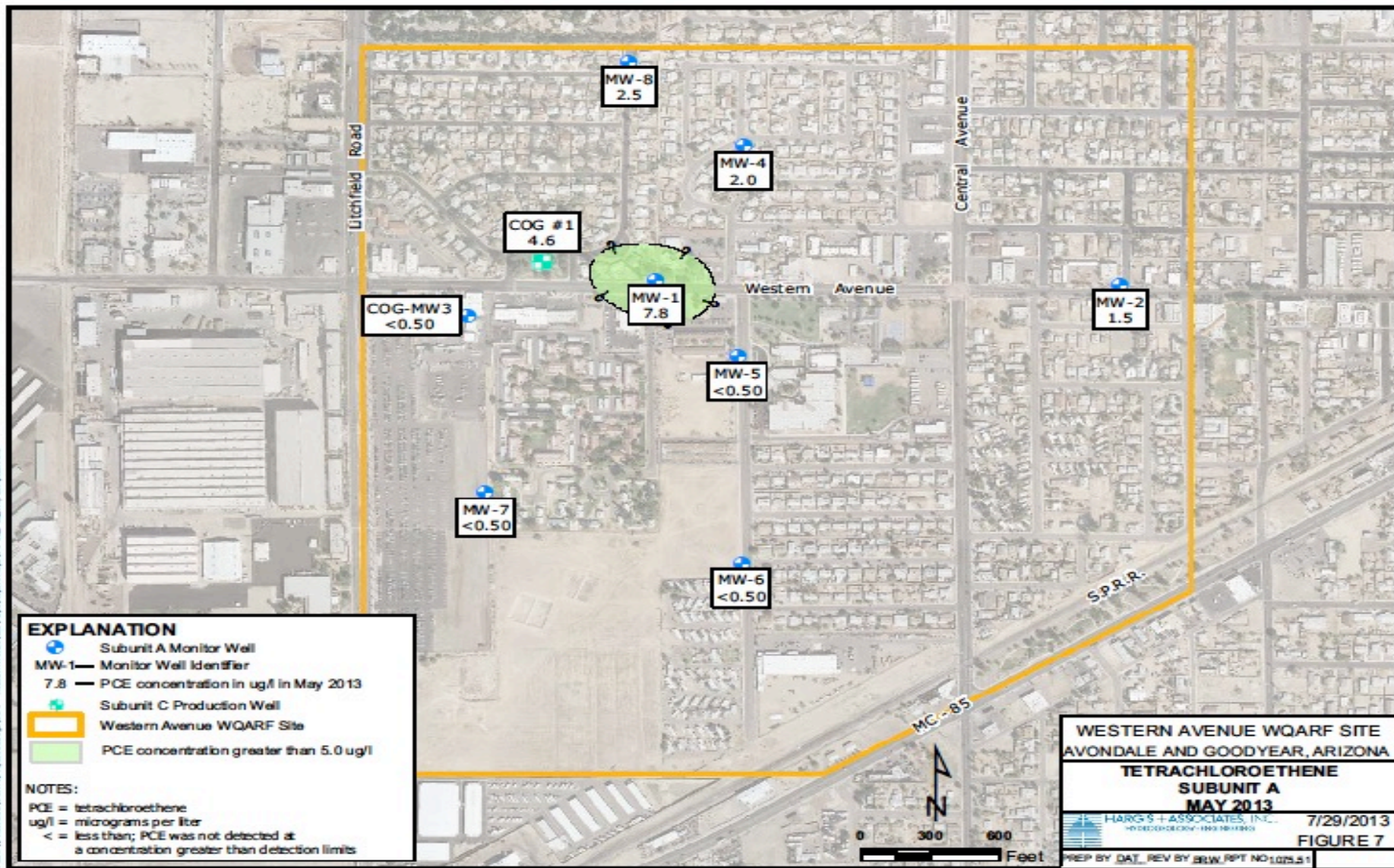


# Western Avenue WQARF Site



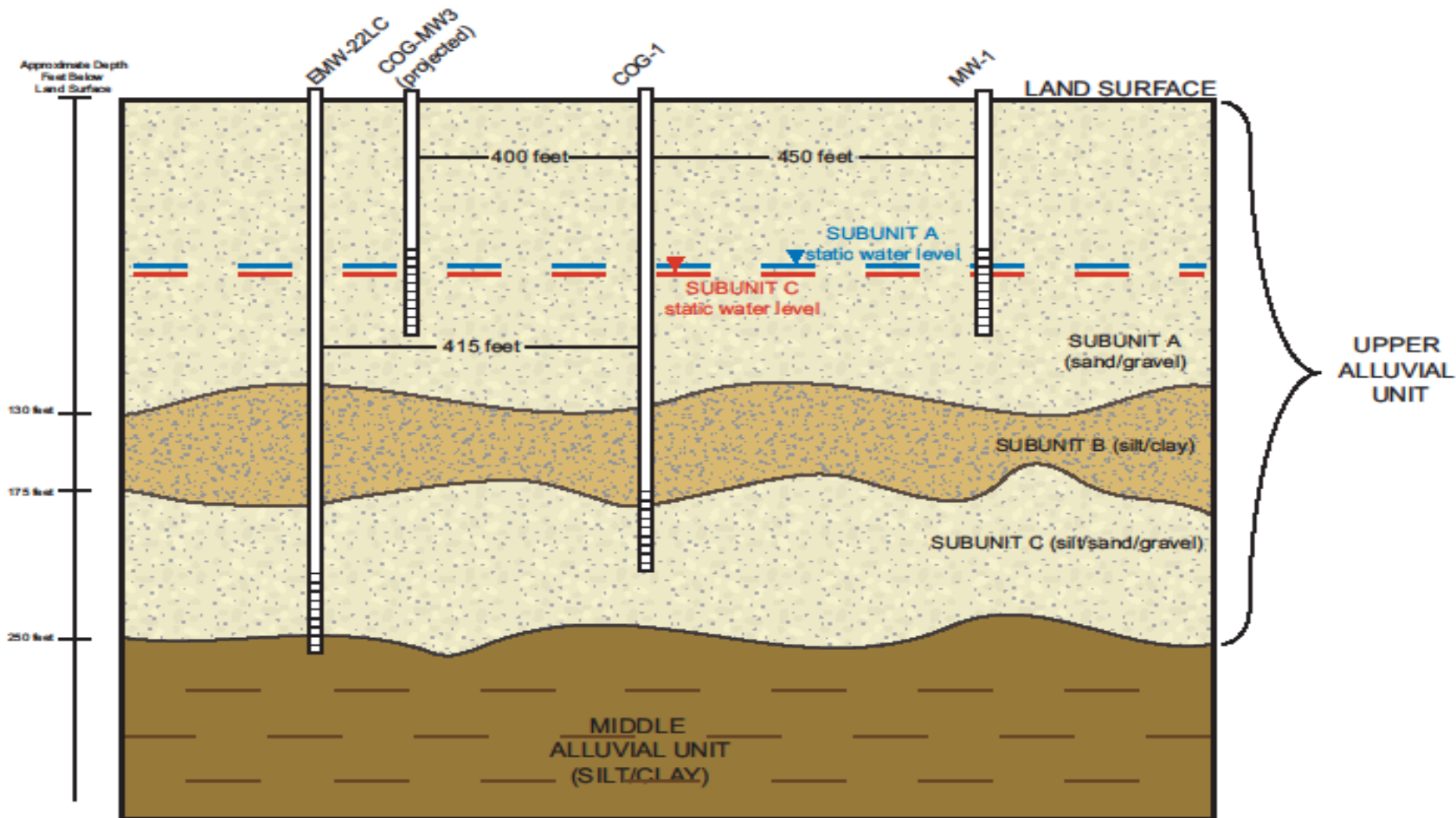
**WESTERN AVENUE WQARF SITE**  
**GROUNDWATER ELEVATION AND TETRACHLOROETHENE CONCENTRATIONS**

# Western Avenue WQARF Site





# Western Avenue WQARF Site

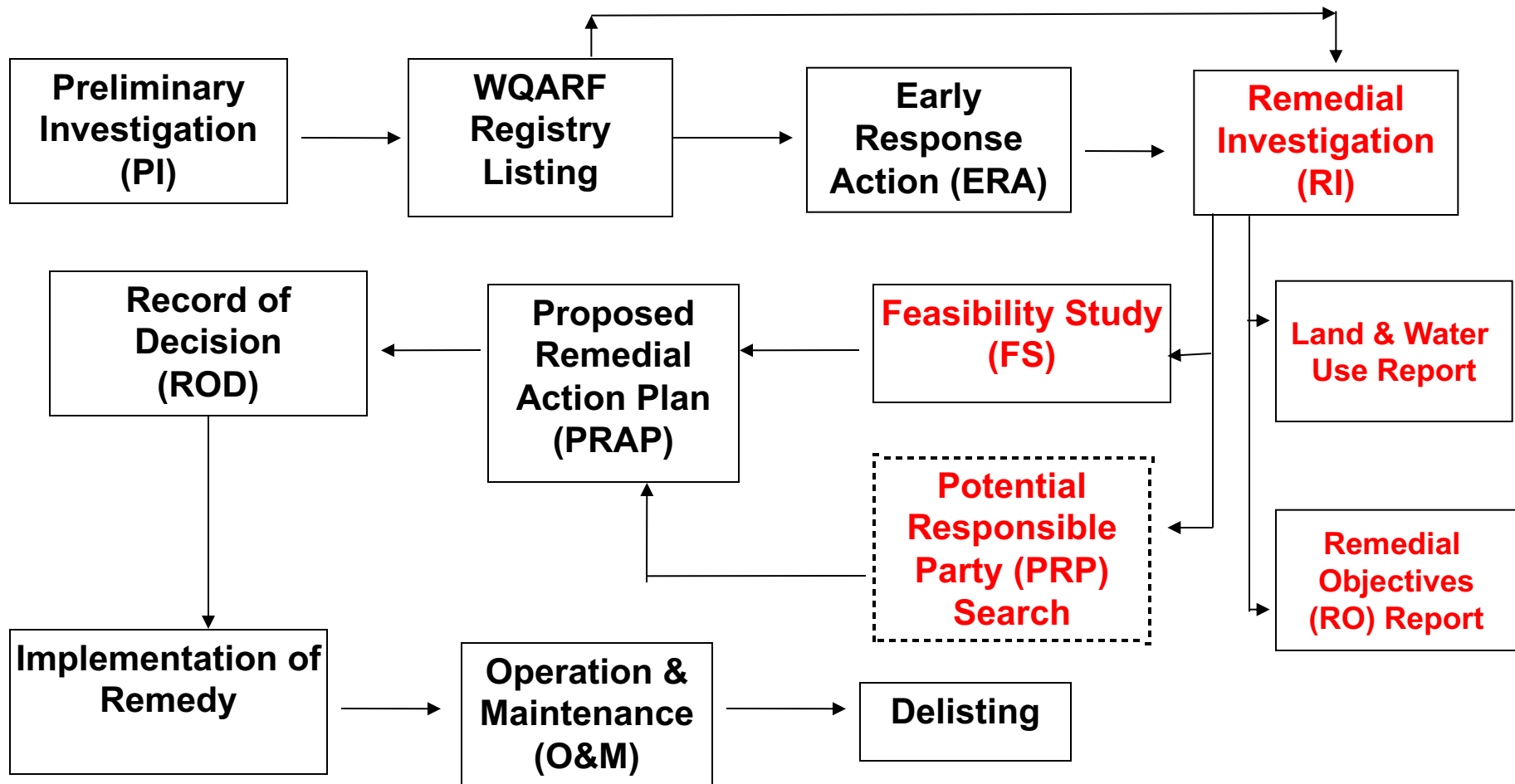


HARGIS & ASSOCIATES, INC.  
hydrogeology/engineering

NOT TO SCALE

CONCEPTUAL UPPER ALLUVIAL UNIT CROSS SECTION

# WQARF PROCESS

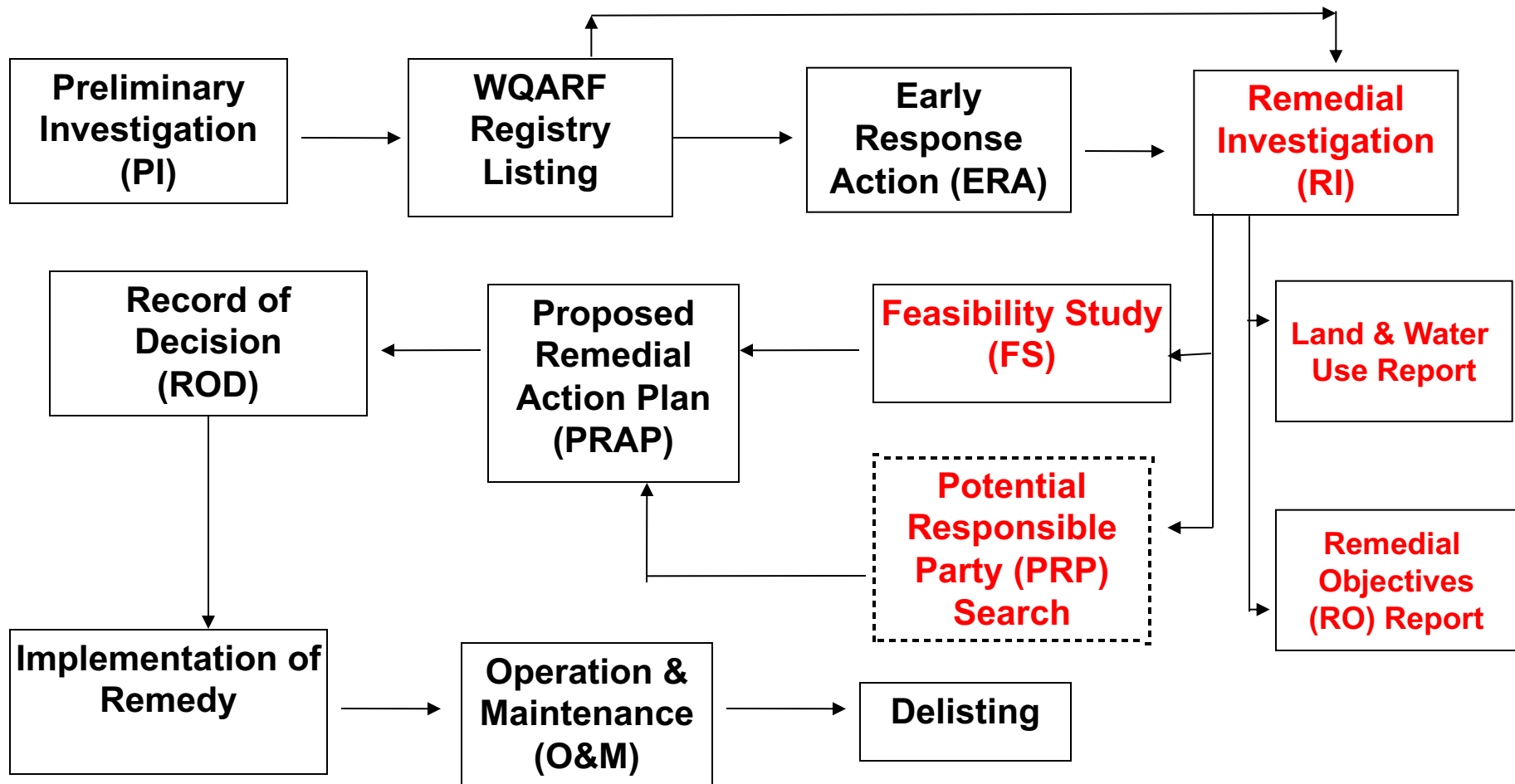




# Western Avenue WQARF Site

REMEDIAL ALTERNATIVE		DESCRIPTION OF ALTERNATIVE
1	No Action	No active remedial actions
2	Monitored Natural Attenuation	Passive evaluation of natural processes reducing volume, toxicity, mobility, and/or concentrations of contaminants in groundwater
3	Alternative Water Supply	Provide alternative sources of water for municipal and/or domestic supply
4	Wellhead Treatment	Extraction and ex situ treatment of contaminated groundwater by appropriate methods
5	Operational Strategies and Monitoring	Strategy to avoid capture of contaminated groundwater by municipal and/or domestic use wells
6	Institutional Controls	Administrative or legal controls to minimize potential for human exposure to contaminated groundwater

# WQARF PROCESS

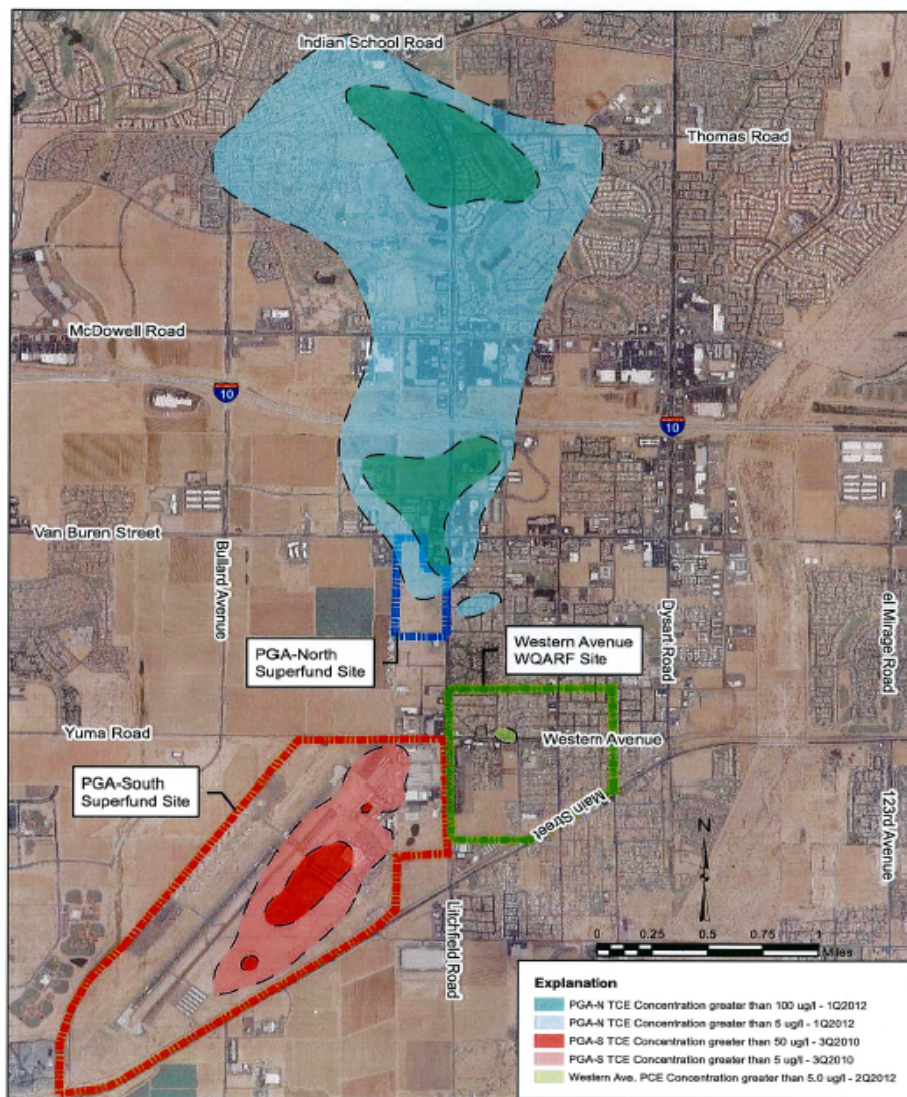


## Upcoming Activities at Western Avenue

- **Final Report of the Time-Series Groundwater Sampling of COG-01.**
- **Next quarterly monitoring event, including water quality sampling and water level gauging of the 8 Western Avenue Wells and the COG-01 will be August 13, 2013.**
- **Final Feasibility Study Report.**



# Western Avenue & PGA Plumes



PHOENIX-GOODYEAR AIRPORT (PGA) AREA SITES SUBUNIT A PLUMES

## **Thank You-Questions**

**Delfina Olivarez**

**Western Avenue Project Manager**

**602-771-4710, [dco@azdeq.gov](mailto:dco@azdeq.gov);**

**Wendy Flood Western Avenue Community**

**Involvement Coordinator**

**602-771-4410, [ww1@azdeq.gov](mailto:ww1@azdeq.gov)**